

ABSTRACT OF THE DISCLOSURE**ACCESSING DATA PROCESSING SYSTEMS BEHIND A NAT ENABLED NETWORK**

5 A method, system, and program for accessing data processing systems behind a NAT enabled network are provided. According to one aspect of the present invention, a NAT data processing system is located behind a NAT enabled network with a NAT device as a gateway to the NAT enabled network. A client system located outside the NAT enabled network queries the NAT device for the address of the NAT data processing system located behind the NAT enabled
10 network. The query is automatically routed through the NAT device to a DNS server. The DNS server then returns an address for the NAT data processing system and source routing for the NAT device. The NAT device forwards the address and source routing to the client system. Then, the client system sends packets to the NAT data processing system at the address with source routing through the NAT device, such that the NAT data processing system behind the
15 NAT enabled network is directly accessed by the client system from outside the NAT enabled network.